

TA-V702

SERVICE MANUAL

*AEP Model
UK Model
E Model*

This set is the stereo
amplifier section in
LBT-V702/V702CD/V702CDG



SPECIFICATIONS

Continuous RMS power output

60 W + 60 W
(6 ohms, at 1 kHz, 5% THD)
50 W + 50 W
(6 ohms, DIN, 1 kHz)

Music power output

90 W + 90 W
(6 ohms, at 1 kHz, 10% THD)

Input	Jack type	Sensitivity	Impedance
PHONO	Phono	2.5 mV	47 kohms
VIDEO1/DAT	Phono	180 mV	47 kohms
VIDEO2	Phono	180 mV	47 kohms
CD	Phono	180 mV	47 kohms
MIC	Phone	0.8 mV	10 kohms

Output	Jack type	Voltage	Impedance
VIDEO1/DAT	Phono	150 mV	2 kohms
SURROUND SPEAKER	Phono	Accepts speakers of 8 to 16 ohms	
HEADPHONES	Stereophone	Accepts headphones of 8 ohms or more	

Frequency response Power requirements

CD: 10 Hz to 50 kHz ± 0.5 dB
UK model: 240 V AC, 50/60 Hz
AEP model :
220 V AC, 50/60 Hz
E model : 120/220/240V AC
adjustable, 50/60Hz.

Power consumption

UK model: 350 W
AEP model : 150W
E model : 175W

AC outlet

1 unswitched, 100 W max.

Weight

Approx. 6.2 kg (13 lbs 11 oz)

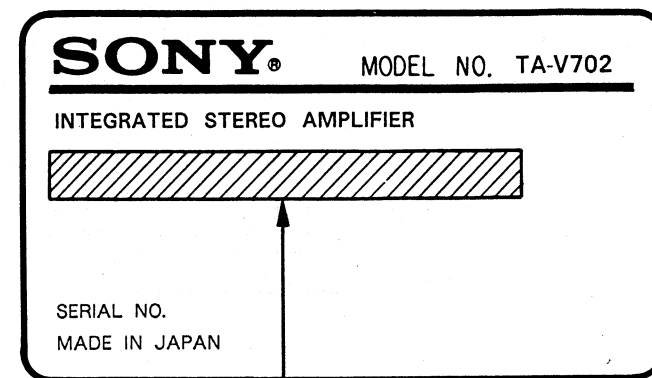
Dimensions

Approx. 355 × 130 × 326 mm
(w/h/d, including projections)
(14 × 5¹/₈ × 12⁷/₈ inches)

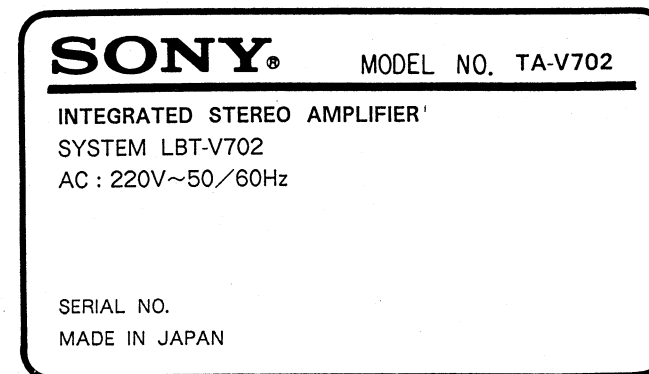


STEREO AMPLIFIER
SONY®



MODEL IDENTIFICATION
— Specification Label —



West Germany Model :

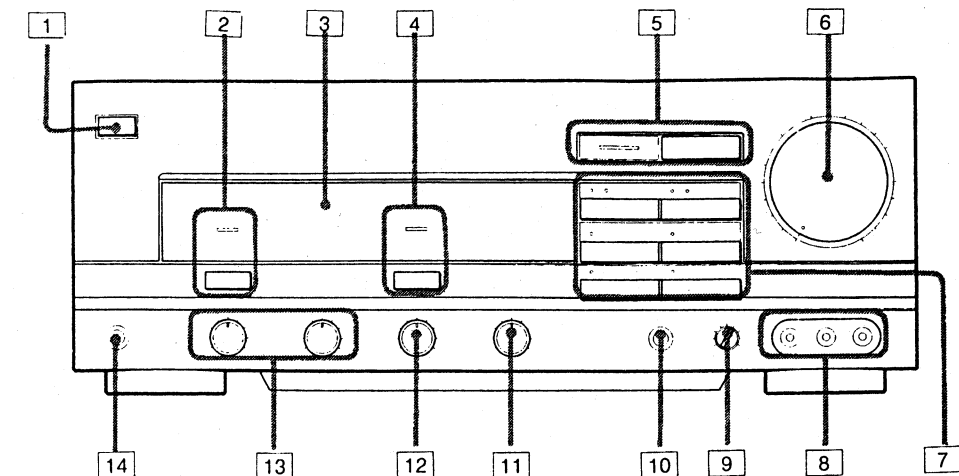


AEP Model : AC : 220V~50/60Hz
Italian Model : AC : 220V~50/60Hz
UK Model : AC : 240V~50/60Hz
E, Saudi Arabia Model : AC : 120V/220V/240V~50/60Hz 175W

SAFETY-RELATED COMPONENT WARNING!!
COMPONENTS IDENTIFIED BY MARK  OR DOTTED LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1
GENERAL

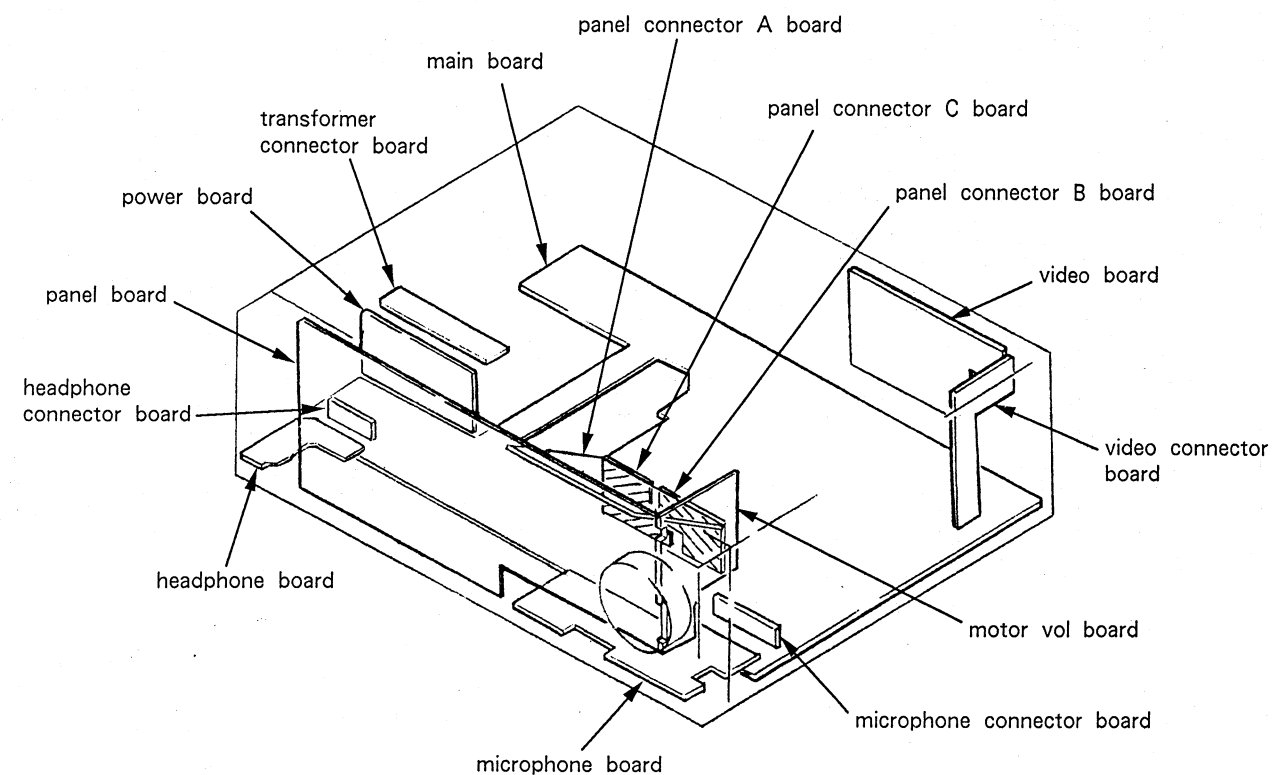
PARTS IDENTIFICATION



- 1 POWER switch
- 2 EQ REC (equalizer recording) button and indicator
- 3 Display window
- 4 DBFB (dynamic bass feedback) button and indicator (AEP, UK, West Germany and Italian model)
SAT (Super Acoustic Turbo) button and indicator (E, Saudi Arabia model)
- 5 CD DIRECT button and indicator
- 6 VOLUME control
- 7 FUNCTION selectors and indicator
red: audio
green: video
Every time you press the VIDEO 1/DAT and VIDEO 2 buttons,
audio and video source is switched.
- 8 VIDEO 2 INPUT jacks
- 9 MIC (microphone) LEVEL control
- 10 MIC (microphone) jack
- 11 BALANCE control
- 12 DBFB LEVEL control (AEP, UK, West Germany and Italy model)
SAT LEVEL control (E, Saudi Arabia model)
- 13 BASS and TREBLE tone controls
- 14 HEADPHONES jack

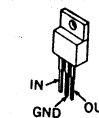
SECTION 2 DIAGRAMS

2-1. PC BOARDS LOCATION

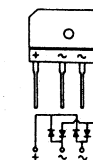


2-2. SEMICONDUCTOR LEAD LAYOUTS

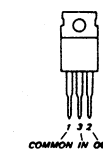
M5F7810



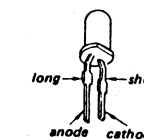
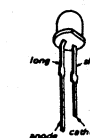
RBV-602-01



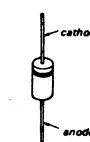
M5F7910



SEL2210S-C

DTA124ES
DTC124ES
2SC2603-EF
2SC3622A-LKSEL2210W-D
SEL2510C

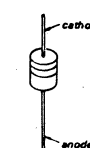
2SA1175-HFE

HZS30-2L
UZP-6.8BC
10E2N

2SB1187-EF



1SS120



2SC1841-PAFAEA



2-3. PRINTED WIRING BOARDS

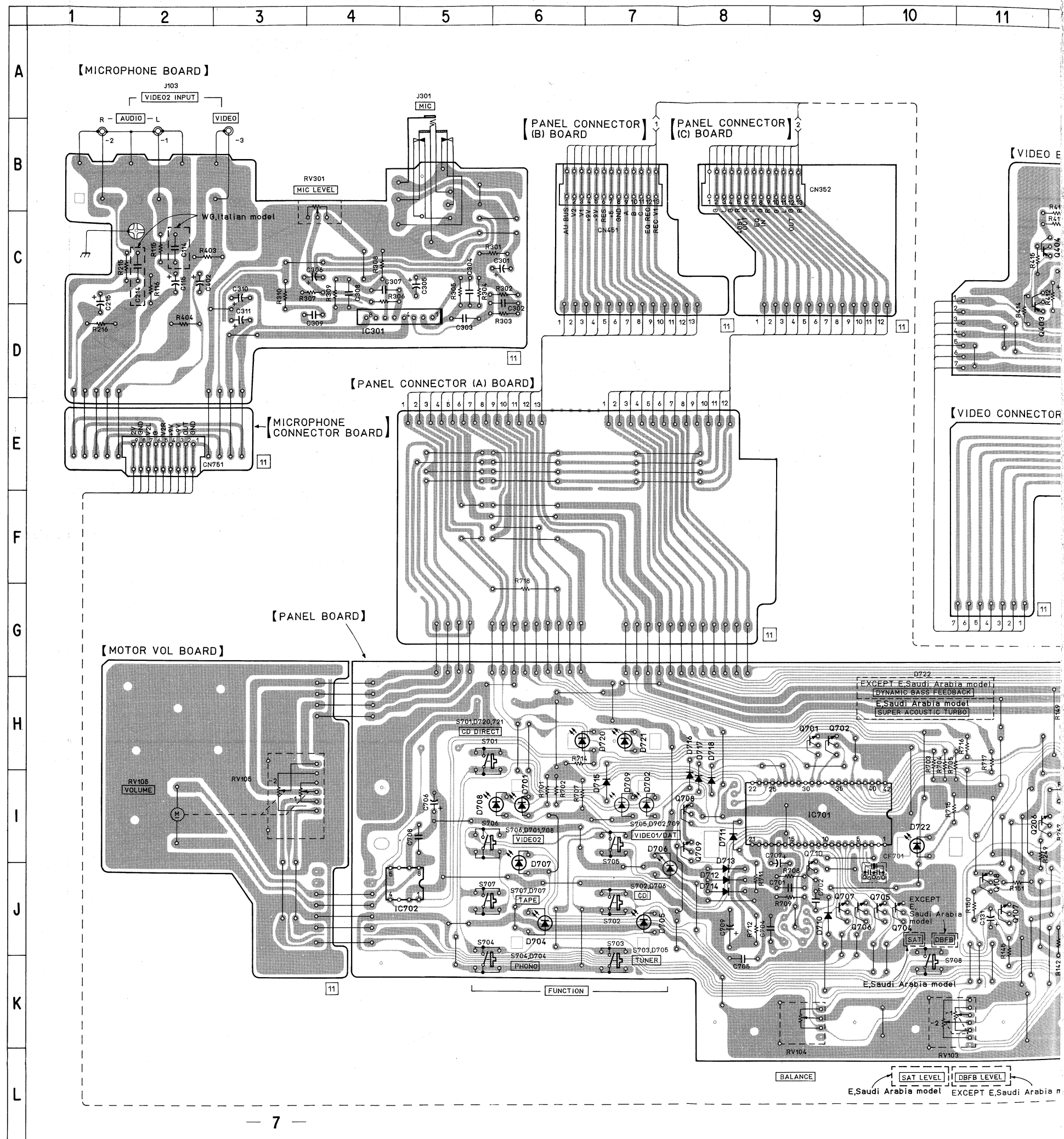
• See Page 5 for Semiconductor Lead Layout.

- SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
IC101	C-16	Q706	J-9
IC102	G-17	Q707	J-9
IC103	H-17	Q708	I-8
IC104	C-17	Q709	I-8
IC105	C-18	Q710	J-9
		Q901	H-28
IC106	I-14		
IC107	I-12		
IC108	J-13	D501	E-21
IC109	J-12	D551	E-21
IC202	G-18	D601	J-21
		D602	C-20
IC301	D-4	D603	D-20
IC401	C-13		
IC501	G-21	D604	D-20
IC601	D-20	D701	I-6
IC701	I-9	D702	I-7
		D704	J-6
IC702	J-5	D705	J-7
IC901	J-17		
IC902	I-18	D706	I-7
IC903	J-18	D707	I-6
		D708	I-6
		D709	I-7
Q101	E-18	D710	J-9
Q102	E-18		
Q103	I-13	D711	I-8
Q104	H-13	D712	J-8
Q105	H-13	D713	J-8
		D714	J-8
Q106	H-12	D715	I-7
Q107	J-11		
Q108	J-11	D716	I-8
Q206	I-11	D717	I-8
Q207	I-12	D718	I-8
		D719	I-13
Q401	D-13	D720	H-7
Q402	D-12		
Q403	D-11	D721	H-7
Q404	C-12	D722	I-10
Q405	C-12	D901	H-25
		D902	H-27
Q406	C-13	D903	H-28
Q407	C-14		
Q408	C-14	D904	I-28
Q501	F-21	D905	I-26
Q551	E-21	D906	I-26
		D907	I-26
Q601	C-20	D908	I-26
Q701	H-9		
Q702	H-9	D909	J-17
Q704	J-10	D910	I-17
Q705	J-10	D911	J-18

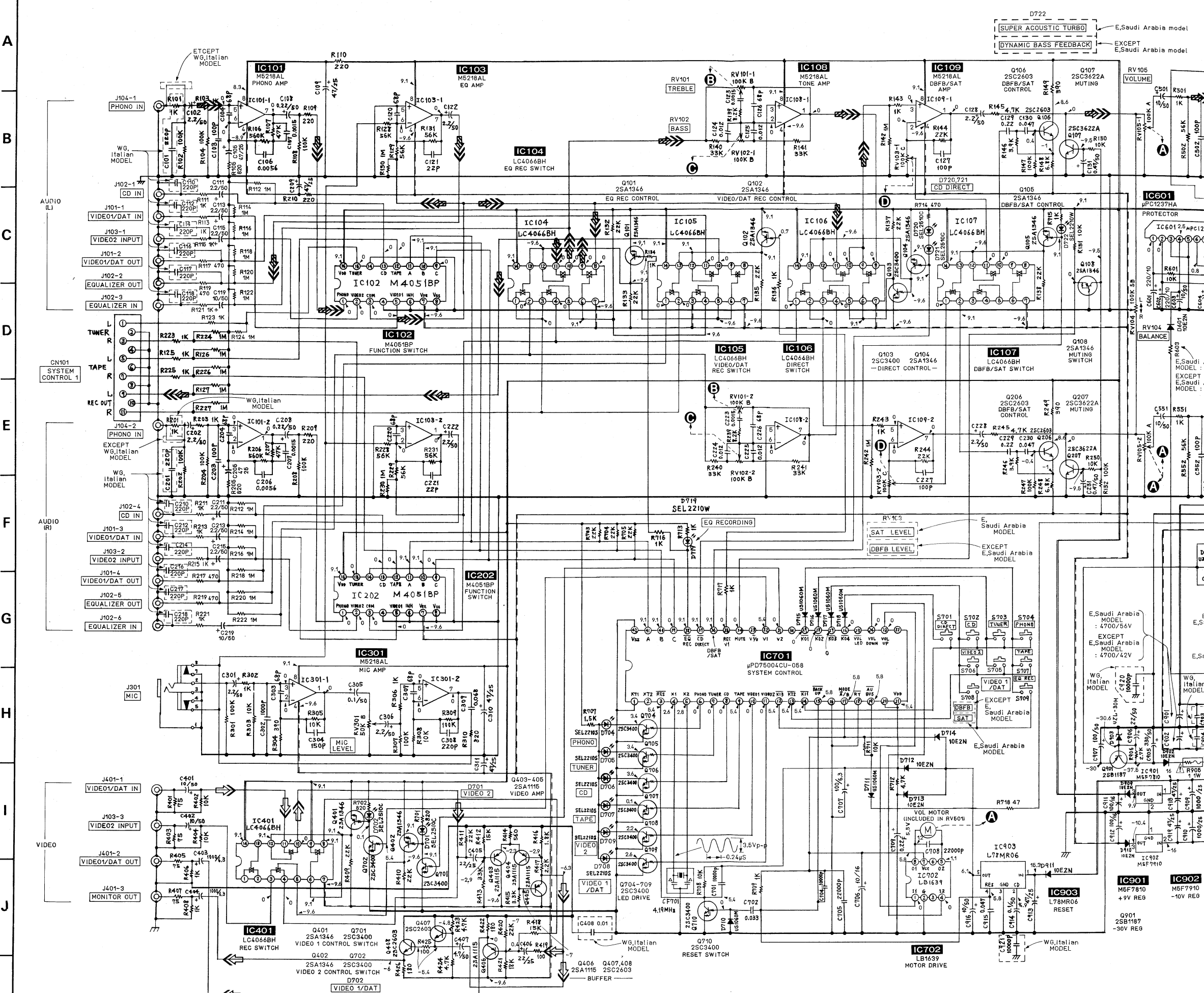
Note :

- : parts extracted from the component side.







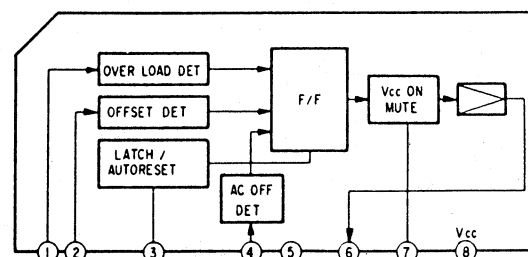
	1	2	3	4	5	6	7	8	9	10	11	12
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- Note:** The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

- IC BLOCK DIAGRAM
IC601 μ PC1237HA





SECTION 3
EXPLODED VIEWS

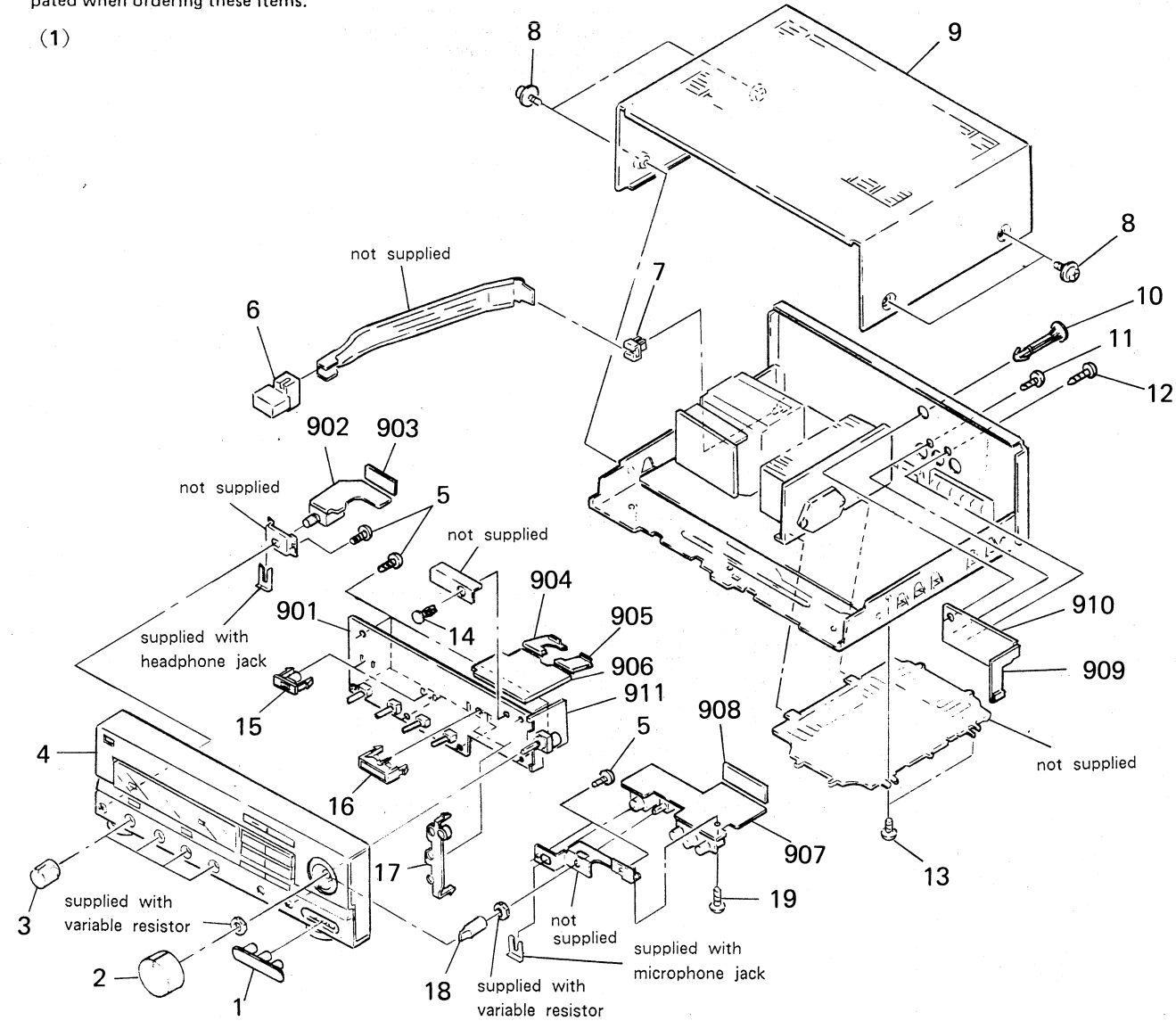
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts Example:
(RED) ... KNOB, BALANCE (WHITE)
↑ Cabinet's Color ↑ Parts Color

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

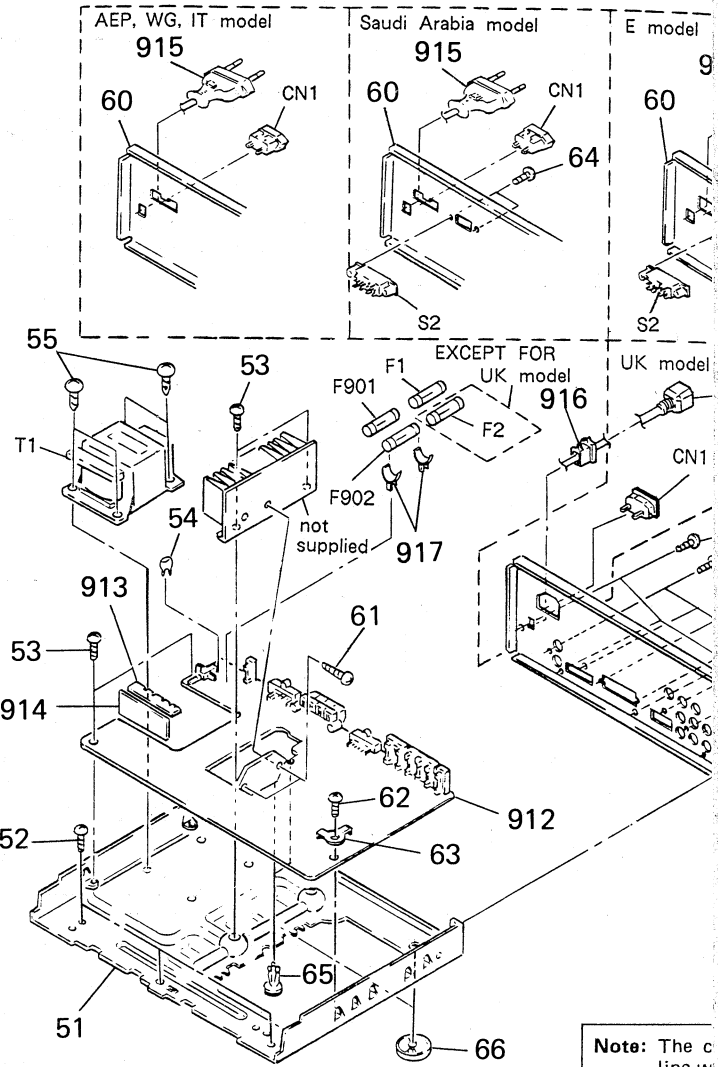
(1)
















No.	Part No.	Description	Remarks
1	*4-937-367-01	COVER (PIN JACK)	
2	4-929-288-22	KNOB (VOL 47)	
3	3-349-039-11	KNOB (VOL)	
4	X-4917-292-1	(AEP,UK,WG,IT)...PANEL ASSY, FRONT	
	X-4917-293-1	(E,EA).....PANEL ASSY, FRONT	
5	4-928-635-00	SCREW +BV 2.6X8 TAPPING	
6	4-921-919-01	BUTTON (P)	
7	4-866-342-00	JOINT (B), KNOB	
8	3-704-366-01	SCREW (CASE) (M3X8)	
9	*4-919-379-61	CASE	
10	*4-912-181-21	SUPPORT, PC	
11	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
12	7-621-849-00	SCREW, TAPPING	
13	7-682-547-09	SCREW +BVTT 3X6 (S)	
14	4-812-134-11	RIVET NYLON, 3.5	

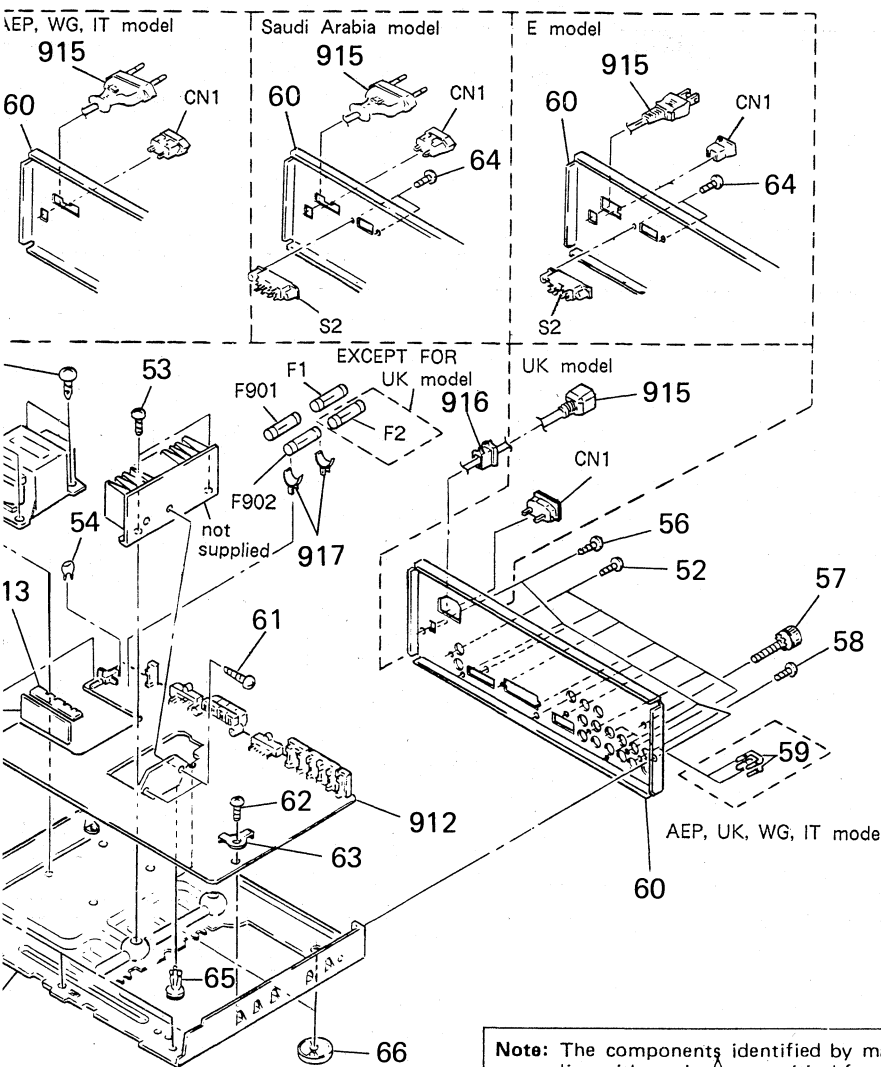
No.	Part No.	Description	Remarks
15	*4-934-893-01	HOLDER, LED	
16	*4-934-894-01	COVER, LAMP	
17	*4-934-892-01	HOLDER (FU), LED	
18	4-921-921-01	KNOB (M)	
19	7-682-548-04	SCREW +BVTT 3X8 (S)	
901	*A-4334-678-A	MOUNTED PCB, PANEL	
902	*1-635-010-11	PC BOARD, HEADPHONE	
903	*1-635-016-11	PC BOARD, HEADPHONE CONNECTOR	
904	*1-635-013-11	PC BOARD, PANEL CONNECTOR (C)	
905	*1-635-012-11	PC BOARD, PANEL CONNECTOR (B)	
906	*1-635-011-11	PC BOARD, PANEL CONNECTOR (A)	
907	*1-635-008-11	PC BOARD, MICROPHONE	
908	*1-635-014-11	PC BOARD, MICROPHONE CONNECTOR	
909	*1-635-015-11	PC BOARD, VIDEO CONNECTOR	
910	*1-635-009-11	PC BOARD, VIDEO	
911	*1-635-007-11	PC BOARD, MOTOR VOL	

(2)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
51	*X-4917-246-1	CHASSIS ASSY		913	*1-635-005-11		
52	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S		914	*1-635-004-11		
53	7-682-548-04	SCREW +BVTT 3X8 (S)		915	 1-556-562-00		
54	2-269-321-00	COVER (DIA. 18), CAPACITOR			 1-575-656-11		
55	7-682-560-04	SCREW +BVTT 4X6 (S)			 1-575-654-11		
56	7-682-547-09	SCREW +BVTT 3X6 (S)		916	*3-703-244-00		
57	3-706-165-00	SCREW			*3-703-571-11		
58	7-621-849-00	SCREW, TAPPING		917	*1-533-213-31		
59	1-535-706-11	(AEP,UK,WG,IT)...PLUG, JUMPER		CN1	 1-526-751-00		
60	*4-937-301-11	(AEP)...PANEL, BACK		CN1	 1-526-794-11		
	*4-937-301-21	(UK)...PANEL, BACK		CN1	 1-526-882-00		
	*4-937-301-31	(E)...PANEL, BACK		F1	 1-532-259-00		
	*4-937-301-41	(WG)...PANEL, BACK		F2	 1-532-259-00		
	*4-937-301-51	(EA)...PANEL, BACK		F901	 1-532-388-51		
	*4-937-301-61	(IT)...PANEL, BACK		F902	 1-532-388-51		
61	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3		S2	 1-570-307-11		
62	7-682-547-04	SCREW +BV 3X6, S TIGHT		T1	 1-450-022-11		
63	*3-346-266-12	PLATE, GROUND		T1	 1-450-023-11		
64	7-685-534-19	(E,EA)...SCREW +BTP 2.6X8 TYPE2 N-S					
65	4-917-239-01	RIVET, NYLON					
66	*4-934-883-01	FOOT					
912	*A-4334-671-A	(AEP)....MOUNTED PCB, MAIN					
	*A-4334-672-A	(UK)....MOUNTED PCB, MAIN					
	*A-4334-673-A	(E,EA)....MOUNTED PCB, MAIN					
	*A-4334-674-A	(WG,IT)...MOUNTED PCB, MAIN					

SECTION 4 ELECTRICAL PARTS LIST



Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Partion	Remarks	No.	Part No.	Description	Remarks
S ASSY		913	*1-635-005-11	PC BOARD, TRANSFORMER CONNECTOR	
+BVTP 3X8 TYPE2 N-S		914	*1-635-004-11	PC BOARD, POWER	
+BVTT 3X8 (S)					
(DIA. 18), CAPACITOR		915	Δ 1-556-562-00	(UK).....CORD, POWER	
+BVTT 4X6 (S)			Δ 1-575-656-11	(E).....CORD, POWER	
			Δ 1-575-654-11	(AEP, WG, IT, EA)....CORD, POWER	
+BVTT 3X6 (S)					
TAPPING		916	*3-703-244-00	(EXCEPT E)...BUSHING (2104), CORD	
K, WG, IT)....PLUG, JUMPER			*3-703-571-11	(E).....BUSHING (S)(4516), CORD	
..PANEL, BACK		917	*1-533-213-31	HOLDER, FUSE	
..PANEL, BACK					
..PANEL, BACK		CN1	Δ 1-526-751-00	(UK).....OUTLET, AC	
..PANEL, BACK		CN1	Δ 1-526-794-11	(AEP, WG, IT, EA)....OUTLET, AC	
..PANEL, BACK		CN1	Δ 1-526-882-00	(E).....OUTLET, AC	
..PANEL, BACK					
..PANEL, BACK		F1	Δ 1-532-259-00	FUSE	
+BVTP 3X16 TYPE2 IT-3		F2	Δ 1-532-259-00	(EXCEPT UK)...FUSE	
+BV 3X6, S TIGHT		F901	Δ 1-532-388-51	FUSE	
GROUND		F902	Δ 1-532-388-51	FUSE	
...SCREW +BTP 2.6X8 TYPE2 N-S		S2	Δ 1-570-307-11	(E, EA)....SWITCH, VOLTAGE CHANGE	
NYLON					
....MOUNTED PCB, MAIN		T1	Δ 1-450-022-11	(AEP, UK, WG, IT)....TRANSFORMER, POWER	
....MOUNTED PCB, MAIN		T1	Δ 1-450-023-11	(E, EA).....TRANSFORMER, POWER	
....MOUNTED PCB, MAIN					
....MOUNTED PCB, MAIN					

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μ F, PF: μ F.

RESISTORS

- All resistors are in ohms.
- F: nonflammable

COILS

- MMH: mH, UH: μ H

SEMICONDUCTORS

In each case, U: μ , for example:
UA.... μ A...., UPA.... μ PA....,
UPC.... μ PC, UPD.... μ PD....

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description
901	*A-4334-678-A	MOUNTED PCB, PANEL
902	*1-635-010-11	PC BOARD, HEADPHONE
903	*1-635-016-11	PC BOARD, HEADPHONE CONNECTOR
904	*1-635-013-11	PC BOARD, PANEL CONNECTOR (C)
905	*1-635-012-11	PC BOARD, PANEL CONNECTOR (B)
906	*1-635-011-11	PC BOARD, PANEL CONNECTOR (A)
907	*1-635-008-11	PC BOARD, MICROPHONE
908	*1-635-014-11	PC BOARD, MICROPHONE CONNECTOR
909	*1-635-015-11	PC BOARD, VIDEO CONNECTOR
910	*1-635-009-11	PC BOARD, VIDEO
911	*1-635-007-11	PC BOARD, MOTOR VOL
912	*A-4334-671-A	(AEP).....MOUNTED PCB, MAIN
	*A-4334-672-A	(UK).....MOUNTED PCB, MAIN
	*A-4334-673-A	(E, EA).....MOUNTED PCB, MAIN
	*A-4334-674-A	(WG, IT)....MOUNTED PCB, MAIN
913	*1-635-005-11	PC BOARD, TRANSFORMER CONNECTOR
914	*1-635-004-11	PC BOARD, POWER
915	Δ 1-556-562-00	(UK).....CORD, POWER
	Δ 1-575-656-11	(E).....CORD, POWER
	Δ 1-575-654-11	(AEP, WG, IT, EA)....CORD, POWER
916	*3-703-244-00	(EXCEPT E)...BUSHING (2104), CORD
	*3-703-571-11	(E).....BUSHING (S)(4516), CORD
917	*1-533-213-31	HOLDER, FUSE
BP1	*1-535-140-00	BASE POST 19MM (10MM PITCH) 3P
BP2	*1-535-139-00	(UK, E, EA)..BASE POST 19MM(10MM PITCH)2P
C1	1-161-744-00	CERAMIC 0.01MF 400V
C101	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C102	1-124-257-00	ELECT 2.2MF 20% 50V
C103	1-162-282-31	CERAMIC 100PF 10% 50V
C104	1-162-219-31	CERAMIC 68PF 5% 50V
C105	1-124-910-11	ELECT 47MF 20% 25V
C106	1-130-480-00	MYLAR 0.0056MF 5% 50V
C107	1-130-473-00	MYLAR 0.0015MF 5% 50V
C108	1-124-464-11	ELECT 0.22MF 20% 50V
C109	1-124-910-11	ELECT 47MF 20% 25V
C110	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C111	1-124-257-00	ELECT 2.2MF 20% 50V
C112	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C113	1-126-161-11	ELECT 2.2MF 20% 50V
C114	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C115	1-126-161-11	ELECT 2.2MF 20% 50V
C116	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C117	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V

Ref.No.	Part No.	Description
C118	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C119	1-126-059-11	ELECT 10MF 20% 50V
C120	1-162-219-31	CERAMIC 68PF 5% 50V
C121	1-162-207-31	CERAMIC 22PF 5% 50V
C122	1-126-161-11	ELECT 2.2MF 20% 50V
C123	1-130-473-00	MYLAR 0.0015MF 5% 50V
C124	1-130-484-00	MYLAR 0.012MF 5% 50V
C125	1-130-484-00	MYLAR 0.012MF 5% 50V
C126	1-162-219-31	CERAMIC 68PF 5% 50V
C127	1-162-282-31	CERAMIC 100PF 10% 50V
C128	1-124-257-00	ELECT 2.2MF 20% 50V
C129	1-136-169-00	FILM 0.22MF 5% 50V
C130	1-130-491-00	MYLAR 0.047MF 5% 50V
C131	1-124-465-00	ELECT 0.47MF 20% 50V
C201	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C202	1-124-257-00	ELECT 2.2MF 20% 50V
C203	1-162-282-31	CERAMIC 100PF 10% 50V
C204	1-162-219-31	CERAMIC 68PF 5% 50V
C205	1-124-910-11	ELECT 47MF 20% 25V
C206	1-130-480-00	MYLAR 0.0056MF 5% 50V
C207	1-130-473-00	MYLAR 0.0015MF 5% 50V
C208	1-124-464-11	ELECT 0.22MF 20% 50V
C209	1-124-910-11	ELECT 47MF 20% 25V
C210	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C211	1-124-257-00	ELECT 2.2MF 20% 50V
C212	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C213	1-126-161-11	ELECT 2.2MF 20% 50V
C214	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C215	1-126-161-11	ELECT 2.2MF 20% 50V
C216	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C217	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C218	1-162-286-31	(WG, IT)....CERAMIC 220PF 10% 50V
C219	1-126-059-11	ELECT 10MF 20% 50V
C220	1-162-219-31	CERAMIC 68PF 5% 50V
C221	1-162-207-31	CERAMIC 22PF 5% 50V
C222	1-126-161-11	ELECT 2.2MF 20% 50V
C223	1-130-473-00	MYLAR 0.0015MF 5% 50V
C224	1-130-484-00	MYLAR 0.012MF 5% 50V
C225	1-130-484-00	MYLAR 0.012MF 5% 50V
C226	1-162-219-31	CERAMIC 68PF 5% 50V
C227	1-162-282-31	CERAMIC 100PF 10% 50V
C228	1-124-257-00	ELECT 2.2MF 20% 50V
C229	1-136-169-00	FILM 0.22MF 5% 50V
C230	1-130-491-00	MYLAR 0.047MF 5% 50V
C231	1-124-465-00	ELECT 0.47MF 20% 50V
C301	1-126-161-11	ELECT 2.2MF 20% 50V

Ref.No.	Part No.	Description				
C302	1-162-294-31	CERAMIC	0.001MF	10%	50V	
C303	1-162-219-31	CERAMIC	68PF	5%	50V	
C304	1-162-284-31	CERAMIC	150PF	10%	50V	
C305	1-124-463-00	ELECT	0.1MF	20%	50V	
C306	1-126-161-11	ELECT	2.2MF	20%	50V	
C307	1-162-219-31	CERAMIC	68PF	5%	50V	
C308	1-162-286-31	CERAMIC	220PF	10%	50V	
C309	1-130-493-00	MYLAR	0.068MF	5%	50V	
C310	1-124-910-11	ELECT	47MF	20%	25V	
C311	1-124-910-11	ELECT	47MF	20%	25V	
C401	1-126-059-11	ELECT	10MF	20%	50V	
C402	1-126-059-11	ELECT	10MF	20%	50V	
C403	1-124-471-00	ELECT	1000MF	20%	6.3V	
C404	1-124-471-00	ELECT	1000MF	20%	6.3V	
C405	1-126-049-11	ELECT	22MF	20%	25V	
C406	1-126-049-11	ELECT	22MF	20%	25V	
C407	1-124-045-00	ELECT	4.7MF	20%	50V	
C408	1-136-153-00	(WG,IT)...FILM	0.01MF	5%	50V	
C501	1-126-059-11	ELECT	10MF	20%	50V	
C502	1-162-282-31	CERAMIC	100PF	10%	50V	
C503	1-162-286-31	CERAMIC	220PF	10%	50V	
C504	1-126-101-11	ELECT	220MF	20%	10V	
C505	1-124-122-11	ELECT	100MF	20%	50V	
C506	1-124-910-11	ELECT	47MF	20%	50V	
C507	1-126-059-11	(E,EA).....ELECT	10MF	20%	63V	
C507	1-126-233-11	(AEP,UK,WG,IT) ...ELECT	22MF	20%	50V	
C508	1-130-493-00	MYLAR	0.068MF	5%	50V	
C509	1-130-493-00	MYLAR	0.068MF	5%	50V	
C510	1-130-493-00	(WG,IT)...MYLAR	0.068MF	5%	50V	
C511	1-130-493-00	(WG,IT)...MYLAR	0.068MF	5%	50V	
C512	1-161-379-00	(WG,IT)...CERAMIC	0.01MF	20%	25V	
C551	1-126-059-11	ELECT	10MF	20%	50V	
C552	1-162-282-31	CERAMIC	100PF	10%	50V	
C553	1-162-286-31	CERAMIC	220PF	10%	50V	
C554	1-126-101-11	ELECT	220MF	20%	10V	
C555	1-124-122-11	ELECT	100MF	20%	50V	
C556	1-124-910-11	ELECT	47MF	20%	50V	
C557	1-161-494-00	CERAMIC	0.022MF		25V	
C558	1-130-493-00	MYLAR	0.068MF	5%	50V	
C559	1-130-493-00	MYLAR	0.068MF	5%	50V	
C560	1-130-493-00	(WG,IT)...MYLAR	0.068MF	5%	50V	
C561	1-130-493-00	(WG,IT)...MYLAR	0.068MF	5%	50V	
C562	1-161-379-00	(WG,IT)...CERAMIC	0.01MF	20%	25V	
C601	1-126-101-11	ELECT	220MF	20%	10V	
C602	1-126-101-11	ELECT	220MF	20%	10V	
C603	1-126-059-11	ELECT	10MF	20%	50V	
C604	1-124-994-11	ELECT	100MF	20%	10V	
C701	1-162-306-11	CERAMIC	0.01MF	20%	16V	
C702	1-130-489-00	MYLAR	0.033MF	5%	50V	
C704	1-162-306-11	CERAMIC	0.01MF	20%	16V	
C705	1-161-494-00	CERAMIC	0.022MF		25V	
C706	1-126-157-11	ELECT	10MF	20%	16V	
C707	1-126-177-11	ELECT	100MF	20%	6.3V	
C708	1-161-494-00	CERAMIC	0.022MF		25V	
C709	1-125-486-11	DOUBLE CAYERS	0.22F		5.5V	
C901	1-126-258-11	(E,EA).....ELECT	4700MF	20%	56V	
C901	1-126-224-11	(AEP,UK,WG,IT) ...ELECT	4700MF	20%	42V	
C902	1-126-258-11	(E,EA).....ELECT	4700MF	20%	56V	
C902	1-126-224-11	(AEP,UK,WG,IT) ...ELECT	4700MF	20%	42V	
C903	1-161-377-00	(WG,IT)...CERAMIC	0.0047MF	20%	50V	
C904	1-161-377-00	(WG,IT)...CERAMIC	0.0047MF	20%	50V	
C905	1-126-871-11	ELECT	330MF	20%	50V	
C906	1-126-233-11	ELECT	22MF	20%	50V	
C907	1-124-122-11	ELECT	100MF	20%	50V	
C908	1-124-994-11	ELECT	100MF	20%	10V	
C909	1-126-027-11	ELECT	1000MF	20%	25V	
C910	1-126-027-11	ELECT	1000MF	20%	25V	
C911	1-126-023-11	ELECT	100MF	20%	16V	
C912	1-126-023-11	ELECT	100MF	20%	16V	
C913	1-124-910-11	ELECT	47MF	20%	25V	
C914	1-124-463-00	ELECT	0.1MF	20%	50V	
C915	1-130-491-00	MYLAR	0.047MF	5%	50V	
C916	1-126-059-11	ELECT	10MF	20%	50V	
C918	1-124-910-11	ELECT	47MF	20%	25V	
C919	1-124-910-11	ELECT	47MF	20%	25V	
C920	1-136-153-00	(WG,IT)...FILM	0.01MF	5%	50V	
C921	1-136-153-00	(WG,IT)...FILM	0.01MF	5%	50V	
CF701	1-577-359-21	VIBRATOR, CERAMIC	(4.19MHz)			
CN1	1-526-751-00	(UK).....OUTLET, AC				
CN1	1-526-794-11	(AEP,WG,IT,EA)...OUTLET, AC				
CN1	1-526-882-00	(E).....OUTLET, AC				
CN101	*1-566-858-41	SOCKET, CONNECTOR 11P (SYSTEM CONTROL 1)				
CN301	*1-565-969-11	PIN, CONNECTOR (PC BOARD) 13P				
CN352	*1-565-972-11	SOCKET, CONNECTOR(PC BOARD)13P				
CN401	*1-565-969-11	PIN, CONNECTOR (PC BOARD) 13P				
CN451	*1-565-972-11	SOCKET, CONNECTOR(PC BOARD)13P				
CN502	*1-565-967-11	PIN, CONNECTOR (PC BOARD) 5P				
CN552	*1-565-970-11	SOCKET, CONNECTOR(PC BOARD) 5P				
CN601	*1-565-343-11	PIN, CONNECTOR (PC BOARD) 7P				
CN651	*1-565-346-11	SOCKET, CONNECTOR (PC BOARD)7P				
CN701	*1-565-968-11	PIN, CONNECTOR (PC BOARD) 9P				
CN751	*1-565-971-11	SOCKET, CONNECTOR(PC BOARD) 9P				
CN901	*1-566-859-11	SOCKET, CONNECTOR 15P (SYSTEM CONTROL 2)				
CNJ1	*1-564-321-00	(EXCEPT UK)...PIN, CONNECTOR 2P				
CP901	1-102-394-11	CERAMIC	0.01MF		250V	
CP902	1-102-394-11	CERAMIC	0.01MF		250V	
D501	8-719-912-20	DIODE 1SS120				
D551	8-719-912-20	DIODE 1SS120				
D601	8-719-200-77	DIODE 10E2N				
D602	8-719-912-20	DIODE 1SS120				
D603	8-719-912-20	DIODE 1SS120				
D604	8-719-912-20	DIODE 1SS120				
D701	8-719-303-00	LED SEL2510C				
D702	8-719-303-00	LED SEL2510C				
D704	8-719-301-38	LED SEL2210S-C				
D705	8-719-301-38	LED SEL2210S-C				
D706	8-719-301-38	LED SEL2210S-C				
D707	8-719-301-38	LED SEL2210S-C				
D708	8-719-301-38	LED SEL2210S-C				

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description
D709	8-719-301-38	LED SEL2210S-C
D710	8-719-912-20	DIODE 1SS120
D711	8-719-912-20	DIODE 1SS120
D712	8-719-200-77	DIODE 10E2N
D713	8-719-200-77	DIODE 10E2N
D714	8-719-200-77	DIODE 10E2N
D715	8-719-912-20	DIODE 1SS120
D716	8-719-912-20	DIODE 1SS120
D717	8-719-912-20	DIODE 1SS120
D718	8-719-912-20	DIODE 1SS120
D719	8-719-302-75	LED SEL2210W-D
D720	8-719-303-00	LED SEL2510C
D721	8-719-303-00	LED SEL2510C
D722	8-719-302-75	LED SEL2210W-D
D901	8-719-302-38	DIODE RBV-602-01
D902	8-719-200-77	DIODE 10E2N
D903	8-719-934-22	ZENER DIODE HZS30-2L
D904	8-719-014-88	ZENER DIODE UZP-6.8BC
D905	8-719-200-77	DIODE 10E2N
D906	8-719-200-77	DIODE 10E2N
D907	8-719-200-77	DIODE 10E2N
D908	8-719-200-77	DIODE 10E2N
D909	8-719-200-77	DIODE 10E2N
D910	8-719-200-77	DIODE 10E2N
D911	8-719-200-77	DIODE 10E2N
F1	△ 1-532-259-00	FUSE
F2	△ 1-532-259-00	(EXCEPT UK)...FUSE
F901	△ 1-532-388-51	FUSE
F902	△ 1-532-388-51	FUSE
IC101	8-759-634-50	IC M5218AL
IC102	8-759-208-06	IC TC4051BPHB
IC103	8-759-634-50	IC M5218AL
IC104	8-759-800-37	IC LC4066BH
IC105	8-759-800-37	IC LC4066BH
IC106	8-759-800-37	IC LC4066BH
IC107	8-759-800-37	IC LC4066BH
IC108	8-759-634-50	IC M5218AL
IC109	8-759-634-50	IC M5218AL
IC202	8-759-208-06	IC TC4051BPHB
IC301	8-759-634-50	IC M5218AL
IC401	8-759-800-37	IC LC4066BH
IC501	8-749-900-78	(E,EA).....IC STK4192II
IC501	8-749-941-52	(AEP,UK,WG,IT)...IC STK4152II
IC601	8-759-111-68	IC UPC1237HA
IC701	8-759-149-27	IC UPD75004CU-058
IC702	8-759-820-62	IC LB1639
IC901	8-759-604-32	IC M5F7810L
IC902	8-759-604-50	IC M5F7910L
IC903	8-759-820-13	IC L78MR06
J101	1-565-258-11	JACK, PIN 4P (VIDEO 1/DAT)
J102	1-565-320-11	JACK, PIN 6P (CD,EQUALIZER)
J103	*1-563-136-41	JACK, PIN 3P (VIDEO 2)
J104	1-565-352-11	JACK, PIN 2P (PHONO)
J301	1-568-018-11	JACK, LARGE TYPE 1P (MIC)
J401	1-565-933-11	JACK, PIN 3P (VIDEO 1/DAT,MONITOR)
J501	1-568-018-11	JACK, LARGE TYPE 1P (HEADPHONES)
J502	1-565-352-11	JACK, PIN 2P (SURROUND SPEAKER)
L501	*1-420-872-00	COIL, AIR CORE
L551	*1-420-872-00	COIL, AIR CORE

Ref.No.	Part No.	Description
Q101	8-729-900-63	TRANSISTOR DTA124ES
Q102	8-729-900-63	TRANSISTOR DTA124ES
Q103	8-729-900-36	TRANSISTOR DTC124ES
Q104	8-729-900-63	TRANSISTOR DTA124ES
Q105	8-729-900-63	TRANSISTOR DTA124ES
Q106	8-729-620-05	TRANSISTOR 2SC2603-EF
Q107	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q108	8-729-900-63	TRANSISTOR DTA124ES
Q206	8-729-620-05	TRANSISTOR 2SC2603-EF
Q207	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q401	8-729-900-63	TRANSISTOR DTA124ES
Q402	8-729-900-63	TRANSISTOR DTA124ES
Q403	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q404	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q405	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q406	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q407	8-729-620-05	TRANSISTOR 2SC2603-EF
Q408	8-729-620-05	TRANSISTOR 2SC2603-EF
Q501	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA
Q551	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA
Q601	8-729-900-63	TRANSISTOR DTA124ES
Q701	8-729-900-36	TRANSISTOR DTC124ES
Q702	8-729-900-36	TRANSISTOR DTC123ES
Q704	8-729-900-36	TRANSISTOR DTC124ES
Q705	8-729-900-36	TRANSISTOR DTC124ES
Q706	8-729-900-36	TRANSISTOR DTC124ES
Q707	8-729-900-36	TRANSISTOR DTC124ES
Q708	8-729-900-36	TRANSISTOR DTC124ES
Q709	8-729-900-36	TRANSISTOR DTC124ES
Q710	8-729-900-36	TRANSISTOR DTC124ES
Q901	8-729-920-97	TRANSISTOR 2SB1187-EF
R101	1-249-417-11	(WG,IT)...CARBON 1K 5% 1/4W
R102	1-249-441-11	CARBON 100K 5% 1/4W
R103	1-249-417-11	CARBON 1K 5% 1/4W
R104	1-249-441-11	CARBON 100K 5% 1/4W
R105	1-249-416-11	CARBON 820 5% 1/4W
R106	1-247-897-11	CARBON 560K 5% 1/4W
R107	1-249-437-11	CARBON 47K 5% 1/4W
R108	1-249-441-11	CARBON 100K 5% 1/4W
R109	1-249-409-11	CARBON 220 5% 1/4W
R110	1-249-409-11	CARBON 220 5% 1/4W
R111	1-249-417-11	CARBON 1K 5% 1/4W
R112	1-247-903-00	CARBON 1M 5% 1/4W
R113	1-249-417-11	CARBON 1K 5% 1/4W
R114	1-247-903-00	CARBON 1M 5% 1/4W
R115	1-249-417-11	CARBON 1K 5% 1/4W
R116	1-247-903-00	CARBON 1M 5% 1/4W
R117	1-249-413-11	CARBON 470 5% 1/4W
R118	1-247-903-00	CARBON 1M 5% 1/4W
R119	1-249-413-11	CARBON 470 5% 1/4W
R120	1-247-903-00	CARBON 1M 5% 1/4W
R121	1-249-417-11	CARBON 1K 5% 1/4W
R122	1-247-903-00	CARBON 1M 5% 1/4W
R123	1-249-417-11	CARBON 1K 5% 1/4W
R124	1-247-903-00	CARBON 1M 5% 1/4W
R125	1-249-417-11	CARBON 1K 5% 1/4W
R126	1-247-903-00	CARBON 1M 5% 1/4W
R127	1-247-903-00	CARBON 1M 5% 1/4W

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description			
R128	1-249-438-11	CARBON	56K	5%	1/4W
R129	1-249-438-11	CARBON	56K	5%	1/4W
R130	1-247-903-00	CARBON	1M	5%	1/4W
R131	1-249-438-11	CARBON	56K	5%	1/4W
R132	1-249-433-11	CARBON	22K	5%	1/4W
R133	1-249-433-11	CARBON	22K	5%	1/4W
R134	1-249-417-11	CARBON	1K	5%	1/4W
R135	1-249-433-11	CARBON	22K	5%	1/4W
R136	1-249-417-11	CARBON	1K	5%	1/4W
R137	1-249-433-11	CARBON	22K	5%	1/4W
R138	1-249-433-11	CARBON	22K	5%	1/4W
R139	1-249-428-11	CARBON	8.2K	5%	1/4W
R140	1-249-435-11	CARBON	33K	5%	1/4W
R141	1-249-435-11	CARBON	33K	5%	1/4W
R142	1-247-903-00	CARBON	1M	5%	1/4W
R143	1-249-417-11	CARBON	1K	5%	1/4W
R144	1-249-433-11	CARBON	22K	5%	1/4W
R145	1-249-425-11	CARBON	4.7K	5%	1/4W
R146	1-249-424-11	CARBON	3.9K	5%	1/4W
R147	1-249-441-11	CARBON	100K	5%	1/4W
R148	1-249-427-11	CARBON	6.8K	5%	1/4W
R149	1-249-412-11	CARBON	390	5%	1/4W
R150	1-249-429-11	CARBON	10K	5%	1/4W
R151	1-249-429-11	CARBON	10K	5%	1/4W
R152	1-249-441-11	CARBON	100K	5%	1/4W
R201	1-249-417-11	(WG, IT)...CARBON	1K	5%	1/4W
R202	1-249-441-11	CARBON	100K	5%	1/4W
R203	1-249-417-11	CARBON	1K	5%	1/4W
R204	1-249-441-11	CARBON	100K	5%	1/4W
R205	1-249-416-11	CARBON	820	5%	1/4W
R206	1-247-897-11	CARBON	560K	5%	1/4W
R207	1-249-437-11	CARBON	47K	5%	1/4W
R208	1-249-441-11	CARBON	100K	5%	1/4W
R209	1-249-409-11	CARBON	220	5%	1/4W
R210	1-249-409-11	CARBON	220	5%	1/4W
R211	1-249-417-11	CARBON	1K	5%	1/4W
R212	1-247-903-00	CARBON	1M	5%	1/4W
R213	1-249-417-11	CARBON	1K	5%	1/4W
R214	1-247-903-00	CARBON	1M	5%	1/4W
R215	1-249-417-11	CARBON	1K	5%	1/4W
R216	1-247-903-00	CARBON	1M	5%	1/4W
R217	1-249-413-11	CARBON	470	5%	1/4W
R218	1-247-903-00	CARBON	1M	5%	1/4W
R219	1-249-413-11	CARBON	470	5%	1/4W
R220	1-247-903-00	CARBON	1M	5%	1/4W
R221	1-249-417-11	CARBON	1K	5%	1/4W
R222	1-247-903-00	CARBON	1M	5%	1/4W
R223	1-249-417-11	CARBON	1K	5%	1/4W
R224	1-247-903-00	CARBON	1M	5%	1/4W
R225	1-249-417-11	CARBON	1K	5%	1/4W
R226	1-247-903-00	CARBON	1M	5%	1/4W
R227	1-247-903-00	CARBON	1M	5%	1/4W
R228	1-249-438-11	CARBON	56K	5%	1/4W
R229	1-249-438-11	CARBON	56K	5%	1/4W
R230	1-247-903-00	CARBON	1M	5%	1/4W
R231	1-249-438-11	CARBON	56K	5%	1/4W
R239	1-249-428-11	CARBON	8.2K	5%	1/4W

Ref.No.	Part No.	Description			
R240	1-249-435-11	CARBON	33K	5%	1/4W
R241	1-249-435-11	CARBON	33K	5%	1/4W
R242	1-247-903-00	CARBON	1M	5%	1/4W
R243	1-249-417-11	CARBON	1K	5%	1/4W
R244	1-249-433-11	CARBON	22K	5%	1/4W
R245	1-249-425-11	CARBON	4.7K	5%	1/4W
R246	1-249-424-11	CARBON	3.9K	5%	1/4W
R247	1-249-441-11	CARBON	100K	5%	1/4W
R248	1-249-427-11	CARBON	6.8K	5%	1/4W
R249	1-249-412-11	CARBON	390	5%	1/4W
R250	1-249-429-11	CARBON	10K	5%	1/4W
R301	1-249-441-11	CARBON	100K	5%	1/4W
R302	1-249-417-11	CARBON	1K	5%	1/4W
R303	1-249-429-11	CARBON	10K	5%	1/4W
R304	1-249-412-11	CARBON	390	5%	1/4W
R305	1-249-429-11	CARBON	10K	5%	1/4W
R306	1-249-417-11	CARBON	1K	5%	1/4W
R307	1-249-441-11	CARBON	100K	5%	1/4W
R308	1-249-429-11	CARBON	10K	5%	1/4W
R309	1-249-441-11	CARBON	100K	5%	1/4W
R310	1-249-416-11	CARBON	820	5%	1/4W
R401	1-247-804-11	CARBON	75	5%	1/4W
R402	1-249-429-11	CARBON	10K	5%	1/4W
R403	1-247-804-11	CARBON	75	5%	1/4W
R404	1-249-429-11	CARBON	10K	5%	1/4W
R405	1-247-804-11	CARBON	75	5%	1/4W
R406	1-249-417-11	CARBON	1K	5%	1/4W
R407	1-247-804-11	CARBON	75	5%	1/4W
R408	1-249-417-11	CARBON	1K	5%	1/4W
R409	1-249-433-11	CARBON	22K	5%	1/4W
R410	1-249-433-11	CARBON	22K	5%	1/4W
R411	1-249-433-11	CARBON	22K	5%	1/4W
R412	1-249-431-11	CARBON	15K	5%	1/4W
R413	1-249-435-11	CARBON	33K	5%	1/4W
R414	1-249-414-11	CARBON	560	5%	1/4W
R415	1-249-423-11	CARBON	3.3K	5%	1/4W
R416	1-249-420-11	CARBON	1.8K	5%	1/4W
R417	1-249-421-11	CARBON	2.2K	5%	1/4W
R418	1-249-431-11	CARBON	15K	5%	1/4W
R419	1-249-405-11	CARBON	100	5%	1/4W
R420	1-249-433-11	CARBON	22K	5%	1/4W
R421	1-249-432-11	CARBON	18K	5%	1/4W
R422	1-249-408-11	CARBON	180	5%	1/4W
R423	1-249-425-11	CARBON	4.7K	5%	1/4W
R424	1-249-425-11	CARBON	4.7K	5%	1/4W
R425	1-249-405-11	CARBON	100	5%	1/4W
R426	1-249-408-11	CARBON	180	5%	1/4W
R501	1-249-417-11	CARBON	1K	5%	1/4W
R502	1-249-438-11	CARBON	56K	5%	1/4W
R503	1-249-414-11	CARBON	560	5%	1/4W
R504	1-249-438-11	CARBON	56K	5%	1/4W
R505	1-247-756-11	(AEP, UK, WG, IT)...CARBON	2.2K	5%	1/2W
R505	1-247-758-11	(E, EA).....CARBON	3.3K	5%	1/2W
R506	1-247-756-11	(AEP, UK, WG, IT)...CARBON	2.2K	5%	1/2W
R506	1-247-758-11	(E, EA).....CARBON	3.3K	5%	1/2W

Ref.No.	Part No.	Description				
R507	△ 1-212-881-11	FUSIBLE	100	5%	1/4W	F
R508	1-247-752-11	CARBON	1K	5%	1/2W	
R509	1-247-752-11	CARBON	1K	5%	1/2W	
R510	1-249-417-11	CARBON	1K	5%	1/4W	
R511	1-249-431-11	CARBON	15K	5%	1/4W	
R512	1-217-156-00	METAL PLATE	0.22	10%	5W	
R513	1-249-441-11	CARBON	100K	5%	1/4W	
R514	1-249-438-11	CARBON	56K	5%	1/4W	
R515	1-247-727-11	CARBON	10	5%	1/2W	
R516	1-247-727-11	CARBON	10	5%	1/2W	
R517	1-247-750-11	CARBON	680	5%	1/2W	
R518	1-247-727-11	(WG,IT)...CARBON	10	5%	1/2W	
R551	1-249-417-11	CARBON	1K	5%	1/4W	
R552	1-249-438-11	CARBON	56K	5%	1/4W	
R553	1-249-414-11	CARBON	560	5%	1/4W	
R554	1-249-438-11	CARBON	56K	5%	1/4W	
R555	1-247-756-11	(AEP,UK,WG,IT)...CARBON	2.2K	5%	1/2W	
R555	1-247-758-11	(E,EA).....CARBON	3.3K	5%	1/2W	
R556	1-247-756-11	(AEP,UK,WG,IT)...CARBON	2.2K	5%	1/2W	
R556	1-247-758-11	(E,EA).....CARBON	3.3K	5%	1/2W	
R557	△ 1-212-881-11	FUSIBLE	100	5%	1/4W	F
R560	1-249-417-11	CARBON	1K	5%	1/4W	
R561	1-249-431-11	CARBON	15K	5%	1/4W	
R562	1-217-156-00	METAL PLATE	0.22	10%	5W	
R563	1-249-441-11	CARBON	100K	5%	1/4W	
R564	1-249-437-11	CARBON	47K	5%	1/4W	
R565	1-247-727-11	CARBON	10	5%	1/2W	
R566	1-247-727-11	CARBON	10	5%	1/2W	
R567	1-247-750-11	CARBON	680	5%	1/2W	
R568	1-247-727-11	(WG,IT)...CARBON	10	5%	1/2W	
R601	1-249-429-11	CARBON	10K	5%	1/4W	
R602	1-249-441-11	CARBON	100K	5%	1/4W	
R603	1-249-431-11	(AEP,UK,WG,IT)...CARBON	15K	5%	1/4W	
R603	1-249-432-11	(E,EA).....CARBON	18K	5%	1/4W	
R604	1-249-437-11	CARBON	47K	5%	1/4W	
R605	1-249-486-11	CARBON	12K	5%	1/2W	
R606	△ 1-215-891-11	(AEP,UK,WG,IT) ...METAL OXIDE	680	5%	2W	F
R606	△ 1-215-892-11	(E,EA).....METAL OXIDE	1K	5%	2W	F
R701	1-249-416-11	CARBON	820	5%	1/4W	
R702	1-249-416-11	CARBON	820	5%	1/4W	
R703	1-249-433-11	CARBON	22K	5%	1/4W	
R704	1-249-433-11	CARBON	22K	5%	1/4W	
R705	1-249-433-11	CARBON	22K	5%	1/4W	
R707	1-249-419-11	CARBON	1.5K	5%	1/4W	

Ref.No.	Part No.	Description				
R708	1-249-429-11	CARBON	10K	5%	1/4W	
R709	1-249-417-11	CARBON	1K	5%	1/4W	
R711	1-249-429-11	CARBON	10K	5%	1/4W	
R712	1-249-425-11	CARBON	4.7K	5%	1/4W	
R713	1-249-417-11	CARBON	1K	5%	1/4W	
R714	1-249-413-11	CARBON	470	5%	1/4W	
R715	1-249-417-11	CARBON	1K	5%	1/4W	
R716	1-249-417-11	CARBON	1K	5%	1/4W	
R717	1-249-417-11	CARBON	1K	5%	1/4W	
R718	1-249-401-11	CARBON	47	5%	1/4W	
R901	1-217-156-00	(E,EA)....METAL PLATE	0.22	10%	5W	
R902	1-217-156-00	(E,EA)....METAL PLATE	0.22	10%	5W	
R903	1-217-156-00	(E,EA)....METAL PLATE	0.22	10%	5W	
R904	1-217-156-00	(E,EA)....METAL PLATE	0.22	10%	5W	
R905	△ 1-217-469-00	FUSIBLE	1	5%	1W	F
R906	1-249-422-11	CARBON	2.7K	5%	1/4W	
R908	△ 1-247-761-11	CARBON	5.6K	5%	1/2W	
R909	△ 1-217-469-00	FUSIBLE	1	5%	1W	F
R910	△ 1-217-469-00	FUSIBLE	1	5%	1W	F
RV101	1-238-978-11	RES, VAR, CARBON 100KX2 (TREBLE)				
RV102	1-238-978-11	RES, VAR, CARBON 100KX2 (BASS)				
RV103	1-238-977-11	RES, VAR, CARBON 100KX2 (SAT/DBFB LEVEL)				
RV104	1-238-459-11	RES, VAR, CARBON 100K (BALANCE)				
RV105	1-238-870-11	RES, VAR, CARBON (MOTOR)100KX2 (VOLUME)				
RV301	1-238-744-11	RES, VAR, CARBON, 50K (MIC LEVEL)				
RY601	1-515-765-11	RELAY				
S1	1-554-920-11	SWITCH, PUSH (AC POWER)(1 KEY)				
S2	△ 1-570-307-11	(E,EA)...SWITCH, VOLTAGE CHANGE				
S701	1-554-303-21	SWITCH, KEY BOARD (CD DIRECT)				
S702	1-554-303-21	SWITCH, KEY BOARD (CD)				
S703	1-554-303-21	SWITCH, KEY BOARD (TUNER)				
S704	1-554-303-21	SWITCH, KEY BOARD (PHONO)				
S705	1-554-303-21	SWITCH, KEY BOARD (VIDEO 2)				
S706	1-554-303-21	SWITCH, KEY BOARD (VIDEO 1/DAT)				
S707	1-554-303-21	SWITCH, KEY BOARD (TAPE)				
S708	1-554-303-21	SWITCH, KEY BOARD (SAT/DBFB)				
S709	1-554-303-21	SWITCH, KEY BOARD (EQ REC)				
T1	△ 1-450-022-11	(AEP,UK,WG,IT)...TRANSFORMER, POWER				
T1	△ 1-450-023-11	(E,EA).....TRANSFORMER, POWER				
TM501	1-537-238-11	TERMINAL BOARD (SPEAKER)				

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.